

L 3570-66 EWT(d)/EWT(m)/EWP(w)/EPF(c)/EWP(j)/T WW/EM/RM
ACCESSION NR: AP5024819

UR/0032/65/031/010/1243/1245
620.178.3:678.5.06

AUTHOR: Panferov, K. V.; Korabel'nikov, Yu. G.

TITLE: Effect of relaxation on the durability of plastics under static loading conditions

SOURCE: Zavodskaya laboratoriya, v. 31, no. 10, 1965, 1243-1245

TOPIC TAGS: tensile strength, plastic strength, synthetic material, relaxation process, polymethylmethacrylate, polyester plastic

ABSTRACT: Tensile tests of polyester and polymethylmethacrylate transparent plastic specimens under continuous and repeated loading conditions (with relaxation periods) show that the life of samples under loading with relaxation interruptions is considerably shorter (not counting relaxation periods) than that of specimens under constant loading. This is explained by an increase in the structure-sensitive coefficient γ due to the difference in stress relaxation processes, stretching and orientation in continuous and in interrupted loading. Orig. art. has: 3 formulas, 1 table.

Card 1/2

L 3570-66

ACCESSION NR: AP5024819

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh kon-
struktsiy im. V. A. Kucherenko (Central Scientific Research Institute of Structural
Parts) *3*

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, AS

NO REF SOV: 008

OTHER: 001

mcr
Card 2/2

L 9788-66 EWT(m)/EWP(w) EM

ACC NR: AP5028499

SOURCE CODE: UR/0286/65/000/020/0079/0079

AUTHORS: Korabel'nikov, Yu. G.; Renskiy, A. B.; Mokin, Ye. G.; Burkovskiy, V. S.

ORG: none

TITLE: A removable strain gauge. Class 42, No. 175694

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 79

TOPIC TAGS: strain gage, resistance bridge

ABSTRACT: This Author Certificate presents a removable strain gauge consisting of a housing, a moving rod, and a sensing element in the form of a bracket with resistance strain gauges glued to it. To increase sensitivity and accuracy of measurement in any range of strain without interchanging the instrument or interrupting measurements, the gauge is equipped with an additional sensing element in the form of a reinforced bracket with resistance strain gauges glued to it, and a special control nut for connecting the additional sensing element in any measurement range (see Fig. 1). The additional element has higher strain gauge characteristics.

Card 1/2

UDC: 620.172.087

L 9788-66

ACC NR: AP5028499

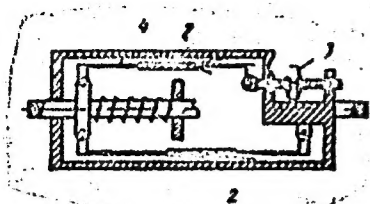


Fig. 1. 1 - Clamp; 2 - strain gauge;
3 - nut; 4 - auxiliary sensitive
element.

Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 28Feb64

PC
Card 2/2

KORABEL'NIKOV, Yu.G.; RENSKIY, A.B.

Measuring the deformation of plastics with the aid of a detachable
integrated tensiometer. Zav.lab. 31 no.10:1261-1262 '65.

(MIRA 19:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh
konstruktsiy i nauchno-issledovatel'skiy institut zhelezobetona.

KORABEL'NIKOVA, A.

Efficient assistant of the party organization. NTO 2 no.3:43-44
Mr '60. (MIRA 13:6)

1. Sekretar' partiynogo byuro kombinata "Zasulauka manufaktura,"
Riga.

(Riga--Textile industry)

А. И. Коробель Никова, А. И.
KORABEL' NIKOVA, A.I.

Organization of vaccination service. Zhur.mikrobiol.epid. i immun.
28 no.10:70-75 O '57. (MIRA 10:12)

1. Iz Khar'kovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii
(VACCINES AND VACCINATION,
organiz. in Russia (Rus))

KORABEL'NIKOVA, L.

Korabel'nikova, L. The struggle **for** economy in raw and other materials Moskva Moskovskii rabochii, 1950.

58 p. (51-21794) TS957.R9K6

KOFABEL'NIKOVA, L.

Efficiency, Industrial

Two-year struggle for overall economy of raw material and goods. Leg. prom. 12 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

GOVOROVICH, Ye.A.; KORABEL'NIKOVA, N.I.

Vitamin content in the organism and intestinal microflora in the treatment of surgical patients with oxytetracycline combined with vitamins. Antibiotiki 9 no.9:856-860 S '64.

(MIRA 19:1)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov i kafedra mikrobiologii (zav. - deystvitel'nyy chlen AMN SSSR prof. Z.V. Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

YERMON'YEVA, Z.V.; FADEYEVA, L.I.; BALEZINA, T.I.; KORABEL'NIKOVA, N.I.;
ZHEZNOV, V.M.

Characteristics of interferon formation in the animal organism.
Vop. virus. 10 no.2:221-224 Mr-Apr '65.

(MIRA 18:10)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

KORABELNIKOVA, N. I.

"The effect of vitamins on the composition of the aerobic intestinal flora in sick people treated with antibiotics of the tetracycline group."

report submitted for Symp on Microecology, Berlin & Potsdam, E. Germany, 27-30 Sep 64.

YEREMAYENKO, G.Y.; FOMIN, N.M.; VAYSDEN, G.Y.; NEMIROVSKAYA, R.M.; BRAUDE,
I.L.; TIMINA, L.G.; IYALOVA, T.I.; FADSEYEN, G.D.; TORIYA, I.K.;
YEREMAYENKO, G.Y.

Antibodies and Interferon in virus infections. Trudy VSIU 68:145-149
1964. (MIRA 18:5)

ANTIPOV, G.I.; IVASHCHENKO, M.A. [deceased]; KORABEL'NIKOVA, V.V.;
KOSYGIN, M.K., dotsent; KUZNETSOV, G.A., dotsent; PEKARIN,
P.M.; ROSLYAKOV, G.V., dotsent; STRAKHOV, L.G.; CHERNYSHOV,
G.B., red.; TKALICH, S.M., red.; MUKHIN, S.S., red.isd-va;
GUROVA, O.A., tekhn.red.

[Angara-Ilim iron ore deposits of trap formation in the southern
Siberian Platform] Angaro-Ilimskie zhelezorudnye mestorozhdeniya
trappovoi formatsii inzhnoi chasti Sibirskoi platformy. Moskva,
Gos.nauchno-tekhn.isd-vo lit-ry po geol. i okhrane neдр, 1960.
375 p. (MIRA 13:10)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.
2. Geologi Irkutskogo geologicheskogo upravleniya (for Antipov,
Ivashchenko, Korabel'nikova, Pekarina, Strakhov). 3. Irkutskiy
gornometallurgicheskii institut (for Kosygin, Roslyakov). 4. Ir-
kutskiy gosudarstvennyy universitet (for Kuznetsov). 5. Glavnyy
inzh. Irkutskogo geologicheskogo upravleniya (for Tkalic).
(Angara-Ilim region--Iron ores)

ACC NR: AP6028055

(N)

SOURCE CODE: UR/0310/66/000/005/0032/0033

AUTHOR: Korabel'shchikov, N. (Candidate of technical sciences); Plotnikov, V. (Engineer)

ORG: None

TITLE: Purification of heavy fuel oil //

32

SOURCE: Rechnoy transport, no. 5, 1966, 32-33

TOPIC TAGS: marine engineering, diesel engine, diesel fuel, fuel oil, fuel refining /
DT-1 fuel oil, 4Ch17.5-24 diesel engine

ABSTRACT: The authors describe a method proposed for purification of heavy oils of DT-1 trademark used for marine diesel engines by the Irtysh Steamship Agency. The method is proposed on the basis of the experiments conducted by the authors with a 100-hp, 750-rpm diesel engine of 4Ch17.5/24 type. The investigated DT-1 fuel had a viscosity of 2.1 degrees Engler at 50 C and contained 0.1% of solid residues, 0.06% of water and 2.5% of sulfur. A special system shown in a diagram was used for straining the fuel through a filter, for running it through a centrifuge and for separating impurities in a separator. The results of experimental filtering, centrifuging and separating are summed up in a table. The oil was preheated before testing by means of an electric heater placed in the oil tank. The influence of temperature on the elimination of solid residues is plotted in curves for three types of purification. In conclusion, a following method of purification is proposed.

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ACC NR: AP6028055

tion is proposed. First, the oil is clarified by settling in fuel tanks at temperatures of 40 to 50 C. Then, water and residues are separated in a separator. Finally, a further elimination of solid particles takes place in a centrifuge. A temperature of 60 to 70 C is recommended for separators and centrifuges. Orig. art. has: 2 diagrams, 1 table.

SUB CODE: a1, 13/ SUBM DATE: None

KORABEL'SHCHIKOV, N. I.

Korabel'Shchikov, N. I.

"The theory, design, and investigation of a noeccentric Joy slide drive."
Leningrad Inst of Water Transport Engineers. Omsk, 1956. (Dissertation
for the Degree of Candidate in Technical Sciences).

So; Knizhnaya letopis'
No. 25, 1956. Moscow

KORABEL'SHCHIKOV, Nikolay Ivanovich, känd.tekhn.nauk; KUT'IN, L.I.,
retsensent; SHIMKO, I.M., retsensent; OVCHINNIKOV, A.I.,
red.; SHLENNIKOVA, Z.V., red.izd-va; YERMAKOVA, T.T.,
tekhn.red.

[Steam distribution in marine steam engines] Paroraspredelenie
sudovykh parovykh mashin. Moskva, Izd-vo "Rechnoi transport,"
1959. 284 p. (MIRA 13:2)
(Boilers, Marine) (Marine engines)

VYSOTA, Ivan Iosifovich; KORABEL'SHCHIKOV, N.I., dotsent, kand.tekhn.
nauk, retsenzent; NIKIFOROV, G.V., inzh., retsenzent; KOMO-
GORTSEV, P.Ya., inzh., red.; SHLENNIKOVA, Z.V., red.izd-va;
YERMAKOVA, T.T., tekhn.red.

[Marine steam engines] Sudovye parovye mashiny. Moskva, Izd-vo
"Rechnoi transport." Pt.1. [Construction and operation] Konstruk-
tsiia i ekspluatatsiia, 1959. 350 p. (MIRA 13:4)
(Marine engines)

VYSOTA, Ivan Iosifovich; KORABEL'SHCHIKOV, N.I., kand. tekhn. nauk, retsenzent; LEKHANIN, V.V., prof., doktor tekhn. nauk, retsenzent; PERVOV, V.M., retsenzent; KOMOGORTSEV, P.Ya., red.; SHLENNIKOVA, Z.V., red. izd-va; BODROVA, V.A., tekhn. red.

[Marine steam machinery] Sudovye parovye mashiny. Moskva, Izd-vo "Rechnoi transport." Pt.2. [Fundamentals of theory and maintenance] Osnovy teorii i ekspluatatsii. 1961. 280 p. (MIRA 14:11)
(Marine engines)

KORABEL'SHCHIKOV, Nikolay Ivanovich, dots., kand. tekhn.nauk; TAREYEV,
V.M., doktor tekhn.nauk, prof., retsenzent; KUZOVLEV, V.A.,
inzh., red.; SHLENNIKOVA, Z.V., red. izd-va; POKHLEBKINA, M.I.,
tekhn. red.

[Problems on technical thermodynamics] Sbornik zadach po tekhnicheskoi termodinamike. Moskva, Izd-vo "Rechnoi transport,"
1961. 125 p. (MIRA 15:4)

(Thermodynamics)

GRIGOR'YEV, E.P., inzh.; KUZNETSOV, V.Ye., inzh.; MAKSHYEV,
V.G., inzh.; PETROVSKIY, A.S., inzh.; VEDESHKIN, V.I.,
tekhnik; KORABEL'NIKOV, V.V., kapitan-nastavnik;
MIKHAYLOVSKIY, Ye.V., red.

[Fisheries] Promyslovoe delo. Murmansk, Murmanskoe knizhnoe
izd-vo, 1964. 463 p. (MIRA 18:5)

PANFEROV, K.V.; KORABEL'NIKOV, Yu.G.

Effect of "rest" on the longevity of some polymeric materials
subjected to repeated stresses. Vysokom.sped. 7 no.10:1731-
1736 0 '65. (MIRA 18:11)

1. Nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy.

BLAGOVISNYI, V.I.; GILYAZETDINOV, L.P.; DOLBILIN, Ye.N.; KORABEL'NIKOVA G.P.;
YAGOVKIN, A.G.

Using liquid stock in the production of furnace black. Gaz. prom.
7 no.11:43-46 N '62. (MIRA 17:9)

KORABEL'NIKOVA, N.I.; BULDAKOVA, A.L.

Intestinal microflora in chlortetracycline and vitamin therapy of dysentery. Antibiotiki 7 no.9:822-825 S '62. (MIRA 15:12)

1. Kafedra mikrobiologii (zav. - cheln-korrespondent AMN SSSR prof. Z.V.Yermol'yeva) TSentral'nogo instituta usovershenstvovaniya vrachey i 2-ya Gorodskaya klinicheskaya infektsionnaya bol'nitsa (glavnyy vrach A.M.Pyl'tsova).

(DYSENTERY) (CHLORTETRACYCLINE)
(VITAMIN THERAPY) (INTESTINES—MICROBIOLOGY)

KORABEL'NIKOVA, N. I.

"The effect of vitamins on the composition of aerobic intestinal flora in patients treated with antibiotics of the tetracycline group."

report presented at the Microecology Symp, Berlin & Potsdam-Rehbrücke, 27-30 Sep 64.

Institut virusologii AMN SSSR, Moskva.

KORABEL'SKIY		17	
<p>Influence of particle size of plant products on extraction efficiency in aqueous systems. <i>U.-N.-Korabel'skiy</i> (Moscow Pharm. Inst.). <i>Farmatsiya</i> 9, No. 2, 16-22 (1949).-- As a first approximation, the optimum size of particles is about 1 mm. for leaves, or 0.25-0.5 mm. for roots and barks. Increased fineness of leaves (below 0.75 mm.) retards diffusion in aq. extrn. systems. Extrn. efficiency can be characterized in terms of surface tension. The diffusion coeff. depends on histological structure and physicochem. properties (solv., dispersibility, etc.) of the material. A procedure for testing extrn. efficiency is described. Tests were made with belladonna, valerian, senna, oak bark, digitalis, and ipecac. Data for these products are tabulated (concn., surface tension, viscosity, and d.). 16 references.</p> <p style="text-align: right;">Julian P. Smith</p>			
ASD-5LA METALLURGICAL LITERATURE CLASSIFICATION			
SUBJECT INDEX		AUTHOR INDEX	
P. GROUP		P. GROUP	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

CA

KORABEL'SKIY

17

Blank tablets. R. M. Korabel'skiy (Moscow Pharm. Inst.). *Permatziya* 9, No. 4, 10-18(1946).—Assays of Blank tablets (I) showed that high NaHCO_3 content is common and impairs stability. The criterion of quality should be ferrous (not total) Fe. When rich in FeO , I takes 1-2 hrs. to dissolve in H_2SO_4 . The CO_2 content can be fairly estd. from tablet size. Ordinary granular mixts. of FeSO_4 and NaHCO_3 are ill suited to the manuf. of I; freshly prepd. uncarbonated FeCO_3 is better. The mechanism by which sugar stabilizes I is complex, but should be investigated in the interests of more effective stabilization. Com. samples of I ranged from 6.24 to 36.54% FeO , and 17.34 to 34.75 mg. CO_2 per tablet.

Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ROOM 11111111

TABLET #2

102000 1111 011 001

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

KORABEVICH, Vatslay [Korabiewicz, Wacław]; SEVERINA, N.Ya.
[translator]; KHODOSH, I.A., otv. red.; MAKSIMOVA,
T.G., red.

[With the peoples of East Africa; safari mingi.
Abridged translation from the Polish] U narodov
Vostochnoi Afriki; safari mingi. Moskva, Nauka, 1965.
152 p. (MIRA 18:11)

KORABIEWICZ, WACLAW

"Kwahari"

p. 239 (Iskry, 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59.

KORABINOV, A.M., inzhener; KRAUZE, L.S., inzhener.

Lessons to be learned from two roof failures. Stroi.prom. 35 no.7:18-21
Jl '57. (MIRA 10:10)

(Roofs)

KORABISHCHER, Ye. G.

"Data on the Serum Therapy of Influenza," by F. G. Epshteyn, A. S. Levinson, Z. A. Semashko, A. G. Chetverikov, M. M. Vital, M. A. Belavintseva, K. G. Karatayeva, N. N. Malkova, R. Ye. Gel'shteyn, Ye. G. Korabishcher, A. A. Krums, K. I. Matveyeva

Voprosy Meditsinskoy Virusologii, Moscow, No. 2, 1949, pp. 278-287

KORABITSKIY, N.

Agriculture - Study and Teaching

Increasing the qualifications of agricultural specialists. Sov. agron. 11, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

KORABITSKIY, N.K., kand.sel'skokhoz.nauk; KUVSHINOVA, O.P., kand.sel'skokhoz.
nauk

Manure-soil composts in the leached Chernozems of the Mordovian A.S.S.R.
Zemledelie 25 no.9:67-68 S '63. (MIRA 16:9)

1. Mordovskiy gosudarstvennyy universitet.
(Mordovia—Compost)

KORABITSKIY, N.K., kand.sel'skokhozyaystvennykh nauk

Effect of deep fall plowing on corn yields in Mordovia.
Uch. zap. Mord. gos. un. no.13:60-65 '60. (MIRA 15:11)

1. Kafedra agronomii i pochvovedeniya Mordovskogo
gosudarstvennogo universiteta.
(Mordovia—Corn (Maize))
(Plowing)

KORABITSKIY, N.K., kand.sel'skokhozyaystvennykh nauk

Soil packing in Mordovia. Uch. zap. Mord. gos. un.
no.13:3-5 '60. (MIRA 15:11)

1. Kafedra agronomii i pochvovedeniya Mordovskogo
gosudarstvennogo universiteta.
(Mordovia--Tillage)

KORABLENKOVA, Z., inzh.-kulinar

These vegetable plates are popular. Obshchestv.pit. no.1:38
Ja '60. (MIRA 13:5)

1. Zheleznodorozhnoye upravleniye rabochego snabzheniya Oktyabr'skoy
zheleznoy dorogi.
(Cookery (Vegetables))

KORABLENKOVA, Z.

Increase the production of vegetable dishes. Obshchestv.pit. no.12:7
D '60. (MIRA 13:12)

1. Starshiy inspektor otdela obshchestvennogo pitaniya shelezno-
dorozhnogo upravleniya rabocheho snabzheniya Otktyabr'skoy shelez-
noy dorogi.

(Cookery (Vegetables))

MIKHAYLOV, G. (g.Chelyabinsk); KUZNETSOVA, A.; KORABLENKOVA, Z.;
SHUBERTOV, V., tekhnolog (g.Moskva)

Letters to the editor. Obshchestv.pit. no.4:48 Ap '61.
(Restaurants, lunchrooms, etc.) (MIRA 14:3)

KORABLENKOVA, Z.

Provide students with balanced food. Obshchest.pit. no.3:49-50
Mr '62. (MIRA 15:4)

1. Starshiy inspektor obshchestvennogo pitaniya Zheleznodorozhnogo upravleniya rabochego snabzheniya.
(Restaurants, lunchrooms, etc.)

KORABLEV, A.

Section of commerce of an economic council. Sov.torg. no.5:
55-56 My '59. (MIRA 12:7)

1. Uchenyy sekretar' sektsii ekonomiki trgovli i sel'skogo
khozaystva pri Upravlenii rabochego snabzheniya Chitinskogo
sovnarkhosa.
(Chita Province--Commerce)

KORABLEV, Anatoliy Aleksandrovich; TSENTNARSKIY, Igor' Aleksandrovich;
KOVALEV, Yuriy Sergeyevich; AKUL'SHIN, A.F., inzh.,
retsenzent; MEL'KUMOV, L.G., inzh., retsenzent; BOGOPOL'SKIY,
B.Kh., otv. red.; ABRAMOV, V.I., red.izd-va; ZHIVRINA, G.V.,
tekhn. red.; BOLDYREVA, Z.A., tekhn. red.

[Handbook for mine electricians servicing automatic control
devices] Spravochnik elektroslesaria shakhty po obsluzhivaniyu
avtomaticheskikh ustanovok. Moskva, Gosgortekhnizdat, 1963.
192 p. (MIRA 17:3)

KORABLEV, A.A.

[Remote control of mine machinery] Distantionnoe upravlenie
mekhanizmami v shakhtakh. Moskva, Trudreservizdat, 1953. 62 p.
(MIRA 7:3)

(Remote control) (Mining machinery)

KORABLEV, A. A.

KORABLEV, A.A.

~~REDACTED~~

[Mine substation worker on duty] Deshurnyi shakhtnoi podstantsii.
Moskva, Ugletekhizdat, 1954. 247 p. (MIRA 7:7)
(Mining engineering—Safety measures) (Electricity in mining)

KORABLEV, A. A.

Korablev, A. A.

"Investigation of the Static Electricity in the Compressed Air Networks of Mines and the Development of Methods to Combat It." Min Coal Industry USSR. All-Union Sci Res Inst of the Coal Industry (VUGI). Moscow, 1955 (Dissertation for the degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

BILIK, Shaya Mendeleovich; ~~KORABLEV, Anatoliz Aleksandrovich~~; PANOV, Andrey
Dmitriyevich; SLOBODOV, Mikhail Aleksandrovich; KRIVOBOK, K.P.,
otv.red.; IOMILINA, L.N., tekhn.red.; ALADOVA, Ye.I., tekhn.red.

[Instruments and apparatus for studying mine pressure] Prihory i
apparatura dlia issledovaniia proiavlenii gornogo davleniia;
spravochnik. Moskva, Ugletekhizdat, 1958. 363 p. (MIRA 12:1)
(Mining engineering) (Measuring instruments)

FROLOV, Boris Fedorovich, kand.tekhn.nauk; MIKHEYEV, Yuriy Aleksandrovich,
inzh. Prinsipal uchastiye SEMENOV, I.A., inzh. KORABLEV, A.A.,
otv.red.; ABARBARCHUK, F.I., red.isd-va; BOLDYRKOVA, Z.A., tekhn.red.

[Electric equipment of coal preparation and briquetting plants]
Elektrooborudovanie ugleobogatitel'nykh i briketnykh fabrik.
Moskva, Gos.nauchno-tekhn.isd-vo lit-ry po gornomu delu, 1960.
312 p. (MIRA 13:12)
(Coal preparation plants--Electric equipment)
(Briquets (Fuel))

SHISHKIN, Nikolay Fedorovich, kand.tekhn.nauk; MINDELI, Givi Valerianovich,
kand.tekhn.nauk; KORABLEV, A.A., red.; ABRAMISHVILI, T.A., red.
izd-va; MIRONIADZE, A.G., tekhn.red.

[Safety measures for electricity in mines and premises subject to
explosion hazards] Elektrobезопасност' v shakhtakh i vzryvo-
опасных помещениях. Tbilisi, Gos.izd-vo uchebno-pedagog.
lit-ry "Tsodna," 1960. 494 p. (MIRA 14:3)
(Electricity in mining) (Industrial safety)

BELYAYEV, V.S.; BORISENKO, L.D.; BORISENKO, E.V.; KORABLEV, A.A.;
KOLYSHKIN, O.M.; KUTLUNIN, V.A.; MALYAGIN, M.S.; SOKOLOV, A.I.;
CHUDAKOV, A.I.; ABRAMOV, V.I., otv.red.izd-va; BOLDYREVA, Z.A.,
tekhn.red.

[Manual for the coal mine mechanic] Spravochnik mekhanika
ugol'noi shakhty. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
gornomu delu, 1960. 612 p. (MIRA 13:12)
(Coal mining machinery)

TEKHMISHCHYAN, Azat Vagramovich, kand. tekhn. nauk; TSETNARSKIY, Igor'
Aleksandrovich, inzh.; KAZANSKIY, Anatoliy Sergeyevich, kand. tekhn.
nauk; SEMENOV, Vladimir Mikhaylovich, kand. tekhn. nauk; KORABLEV,
Anatoliy Aleksandrovich, kand. tekhn. nauk; SEMENOV, I.B., otv. red.;
ABARZARCHUK, F.I., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Mining machinery] Gornaya mekhanika. Moskva, Gos. nauchno-tekhn.
izd-vo lit-ry po gornomu delu, 1961. 291 p. (MIRA 14:6)
(Coal mining machinery)

FAYNSHTEYN, Veniamin Fedorovich; BOGDANOV, Yuriy Vasil'yevich;
ORLOV, Vyacheslav Prokhorovich; BUROV, Anatoliy Il'ich;
KORABLEV, A.A., otv. red.; FROLOVA, Ye.I., red. izd-va;
LOMILINA, L.N., tekhn. red.; MINSKER, L.I., tekhn. red.

[Sparkproof gauges and spark- and blastproof strain and
their use in the coal industry] Iskrobezopasnye i iskro-
vzryvbezopasnye tenzometricheskie pribory i ikh prime-
nenie v ugol'noi promyshlennosti. Moskva, Gosgortekhnizdat,
1961. 86 p. (MIRA 15:8)

(Coal mines and mining—Electric equipment)
(Strain gauges)

MURAV'YEV, Vasiliy Petrovich; DMITRIYEV, Gennadiy Andreyevich;
FILATOV, Mikhail Nikolayevich; SAFOKHIN, Mikhail Samsonovich;
GOL'DBERG, Leonid Abramovich; KRUT'KO, Mariya Vladimirovna;
NECHAYEV, Vadim Ivanovich; KOLCHANOV, Vitaliy Dmitriyevich;
BESSONOV, Yevgeniy Aleksandrovich; OBLOMSKIY, Ivan Yefimovich;
KORABLEV, A.A., otv. red.; ABRAMOV, V.I., red. izd-va;
PROZOROVSKAYA, V.L., tekhn. red.

[Automation in the coal mining industry] Avtomatizatsiia v
ugol'noi promyshlennosti. [B] V.P.Murav'ov i dr. Moskva,
Gosgortekhzdat, 1962. 258 p. (MIRA 15:10)
(Coal mines and mining) (Automation)

DOKUKIN, Aleksandr Viktorovich, prof., zasl. deyatel' nauki i tekhniki, doktor tekhn.nauk; SEMENOV, V.M., kand. tekhn. nauk; ZASADYCH, B.I., kand. tekhn.nauk; KORABLEV, A.A., kand. tekhn. nauk; NADION, M.F., otv. red.; D'YAKOVA, G.B., red. izd-va; MINSKER, I., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Use of compressed air in mining]Primenenie szhatogo vozdukha v gornoi promyshlennosti. Moskva, Gosgortekhzdat, 1962.
347 p. (MIRA 15:9)

(Mining engineering) (Compressed air)

KORABLEV, A. A.

Seminar on the instruments used in the investigation of rock
pressure. Ugol' 37 no.10:58-59 0 '62. (MIRA 15:10)

(Rock pressure)

KORABLEV, A.A., kand. tekhn. nauk

Use of ultrasonics in determining the extent and degree of
fracture of rocks. Nauch. soob. IGD 11:110-117 '61.

(MIRA 16:4)

(Ultrasonic waves) (Joints(Geology))

KORABLEV, A.A., kand.tekhn.nauk

Interinstitute seminar on instruments used in studying rock pressure.
Nauch. soob. IGD 17:169-172 '62. (MIRA 16:7)
(Rock pressure)

KORABLEV, A.A.

Ball dynamometer with wire strain gauges. Izm. tekhn. no.9:
25-26 S '63. (MIRA 17:1)

KORABLEV, A.A., inzh.

Inductive device for signaling drainage in an adjacent cellar.
Elek. sta. 34 no.8:69 Ag '63. (MIRA 16:11)

POTASHNIKOV, V.A.; KORABLEV, A.A.

Combined acoustical device for the determination of dynamic characteristics of concrete and the control of its quality. Fiz. mekh. sveis., dav. i razr. gor. poréd. no.2:186-191 '63. (MIRA 17:1)

KORABLEV, A.A.

Geophysical method of investigating the stressed state of a rock massif and instruments used. Vop. gor. davl. no.18:90-103 '63. (MIRA 18:7)

1. Institut gornogo dela imeni Skochinskogo.

SUDOPLANOV, A.P., prof., doktor tekhn. nauk; BUSHUEV, N.P., kand.
tekhn. nauk; KORABLEV, A.A.

Powered timbering in Great Britain and in the Federal Republic
of Germany. Ugol' 40 no.11:67-70 '65. (MIA 18:11)

KORABLEV, A.D., inzh. (Novosibirsk); KHABAROV, Ye.Ye., inzh. (Novosibirsk)

Lighting of drive ways at buildings in newly constructed
development. Svetotekhnika 9 no.11:29-30 N '63. (MIRA 16:12)

KORABLEV, A. I.

CH Organic acids in juices of fruits and berries and in wines.
A. I. Korablev and N. D. Khudyakova (Agr. Inst., Uman).
Vinezhnia Vinogradarstvo S.S.S.R. 13, No. 8, 14-17(1953).
—A large no. of different fruit and berry juices and corresponding wines were analyzed. In general, juices of the black and red currants are rich in citric acid (20-4 g./l.), while cherries and apples have much malic acid (cherry 19.101-21.297, apple 6.7391). The juice of black currant contained the following amts. of acids (in g./l.): malonic acid 0.975, lactic acid 0.107, citric acid 24.107, malic acid 1.572, and succinic acid 0.068. The production of wines from fruits and berries causes a complete disintegration of the malonic acid, a decrease of the citric and malic acids, and an increase of the lactic and succinic acids. E. Markus

SOV-135-58-11-15/21

AUTHORS: Kunis, M.I. and Korablev, A.I., Engineers

TITLE: A Friction Welding Machine on the Base of a Lathe (Ustanovka dlya svarki treniyem na baze tokarnogo stanka)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 11, pp 37-38 (USSR)

ABSTRACT: A machine designed by the authors and Engineers G.I. Gromov, A.I. Agarkov, Yu.A. Moiseyev, S.I. Bizin, and Technician Yu.N. Bondarev of VNIIESO is recommended for friction welding. Friction welding on this machine is performed by rotation of the two parts to be welded, for which purpose the tailstock is fitted with an independent drive. The machine and its operation are described in detail and the technical characteristics are given. It was tested for welding shafts and pipes up to 7,800 sq mm cross section. Specimens of weld joints are shown in Figure 3. There are 3 photos, 1 diagram, 1 table and 4 Soviet references.

1. Metals—Welding 2. Metals—Friction 3. Lathes—
Applications

Card 1/1

KORABLEV, A.I.

Hydraulic resistance of asbestos-cement pipes in pressure
sewage flow. Sbor. trud. LISI no. 41:12-25 '62. (MIRA 17:5)

S/122/63/000/001/011/012
D263/D308

AUTHORS: Reshetov, D.N., Doctor of Technical Sciences,
Professor and Korablev, A.I., Engineer

TITLE: Technological reserves for the increase in the
reliability of gear wheels

PERIODICAL: Vestnik mashinostroyeniya, no. 1, 1963, 66-70

TEXT: The article deals with the basic defects of the
final mechanical treatment of gear wheels and suggests suitable
remedies. The main defects are cracks on the ground surfaces
caused by thermal stresses during the grinding operation, tool
marks after mechanical treatment, assembling markings and hard
stamped identification marks, which cause stress concentrations, and
result in tooth failures. To avoid this, grinding should be carried
out before thermal and chemical treatments or if possible dispensed
with. Correct rounding of the profile edges is most important. The
form of the cavity between teeth should be properly designed, all
markings avoided, and tool marks reduced to a minimum. There are
10 figures.
Card 1/1

KORABLEV, A.I., aspirant

Dulling of longitudinal edges of tooth heads and their effect on
the overlapping of spur gears. Izv.vys.ucheb.zav.; mashinostr. no.
8:85-92 '63. (MIRA 16:11)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

KORABLEV, A.I., inzh.

Basic kinds of contact breakdowns of casehardened and nitrided
gear wheels and methods for their prevention. Vest. mashinostr.
43 no.12:7-14 D '63. (MIRA 17:8)

ACCESSION NR: AP4018701

S/0145/63/000/012/0005/0013

AUTHOR: Korablev, A. I. (Aspirant)

TITLE: Use of gears based on evolution drive with modified initial contours for aviation drives of the Civil Air Fleet

SOURCE: IVUZ. Mashinostroyeniye, no. 12, 1963, 5-13

TOPIC TAGS: gear, gear contour, tooth profile angle, evolution gear

ABSTRACT: Various modifications of the initial contours and final machining methods for evolution gears that have been successful in existing aviation drives are discussed. The influences of these modifications on endurance and strength of the gear teeth are stressed. The major change in profile has been the gradual increase of the tooth profile angle of the initial contour to its present value of 28° . The development of the various drives for the Civil Air Fleet has produced gear drives with profile angles of 20° , $23^{\circ}30'$, 25° , $27^{\circ}19'$, $27^{\circ}36'$, and finally 28° . The method developed by "Daimler-Benz" during the war to increase tooth strength by using the profile shown in Fig. 1 on the Enclosure before final machining (in order to eliminate the ridges in the tooth working surface after grinding) supposedly increased tooth fatigue strength by a factor of 2.6.

Card 1/3

ACCESSION NR: AP4018701

The use of shot-blasting of the working surfaces and tooth roots as a method of increasing both fatigue strength and surface strength is mentioned as a promising area for further research. Orig. art. has: 7 figures.

ASSOCIATION: MVTU

SUBMITTED: 15Mar62

SUB CODE: PR,MM

DATE ACQ: 27Mar64

NO REF SOV: 000

ENCL: 01

OTHER: 003

Card 2/3

KORABLEV, A.I., inzh.; RESHETOV, D.N., doktor tekhn.nauk, prof.

Fractures of heavy loaded gears and measures for increasing the
durability of gears. Vest.mashinostr. 45 no.2:40-46 F '65.
(MIRA 18:4)

KORABLEV, A.I., aspirant

Characteristics of the performance of toothed (splined)
joints under conditions of mutual skewing and radial shift-
ing of coupled parts. Izv. vys. ucheb. zav.; mashinostr.
no. 10:61-68 '65 (MIRA 19:1)

1. Submitted February 18, 1964.

TANGIBERDIYEVA, Z.I.; VARVAROV, V.M.; KORABLEV, A.P., obshchiy red.

[Art industries of the R.S.F.S.R.; a reference manual] Khudozhestvennyye promysly RSFSR; spravochnik. Moskva, Vses.koop. izd-vo, 1959. 119 v. (MIRA 13:4)

1. Moscow. Nauchno-issledovatel'skiy institut khudozhestvennoy promyshlennosti.

(Art industries)

KORAMLEV, A.Ye., dotsent, kand. tekhn. nauk, Inzhener-kapitan 1-go rango

A book deserving attention. Mor. sbor. 48 no.6:87-89 Ja '65.
(MIRA 18:6)

KORABLEV, B.K.

New type of feldspar deposits in Central Kazakhstan. Izv. AN
Kazakh. SSR. Ser. geol. no. 22:33-48 '56. (MLRA 9:8)
(Kazakhstan--Feldspar)

KORABLEV, B.K.; KORABLEVA, V.N.

Dikes of the Aksoran 2 deposit and their role in the processes
of skarn formation and mineralization. Sbor.nauch.trud.KazGMI
no.18:255-267 '59. (MIRA 15:2)

(Balkhash Lake region--Dikes (Geology))

(Balkhash Lake region--Skarns)

BAKIROV, S. B.; KORABLEV, B. K.

Lower Carboniferous sediments in the southwestern spurs of the
Ketmen' Range. Izv. vys. uch. zav.; geol. i razv. 5 no.7:30-41
Jl '62. (MIRA 15:10)

1. Kazakhskiy politekhnicheskii institut.

(Ketmen' Range—Geology, Stratigraphic)

ACC NR: AP7009121

SOURCE CODE: UR/0413/67/000/003/0110/0110

INVENTOR: Dolbilov, E. V.; Korablev, B. N.; Orlik, V. G.

ORG: None

TITLE: A device for detecting and signalling points of contact in labyrinth turbine seals. Class 42, No. 191170 [announced by the Central Boiler and Turbine Institute im. I. I. Polzunov (Tsentral'nyy kotloturbinnyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 110

TOPIC TAGS: turbine rotor, turbine stator, rotating seal, measuring instrument

ABSTRACT: This Author's Certificate introduces a device for detecting and signalling points of contact in labyrinth turbine seals with movable serrated segments mounted on elastic springs in the turbine stator. The instrument contains a pickup contact which is isolated from the stator. To avoid changing the fit of the sealing segments and to improve reliability, the pickup is made in the form of a section of the movable sealing segment with an elastic element for connection to a secondary instrument.

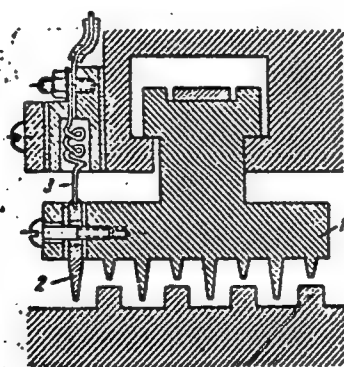
Card 1/2

UDC: 620.1.085.3:621.165

ACC NR: AP7009121

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530003



1--movable segment; 2--contact; 3--flexible element

SUB CODE: ^{10/}~~13-114~~ SUBM DATE: 16Jan65

Card 2/2

KORABLEV, G.A.

New empirical formula for calculation of the radii of cations with
inert gas shells. Zhur. strukt. khim. 6 no.2:323-324 Mr.-Ap '65.
(MIRA 18:7)

1. Poselok Fabrichnoye Sverdlovskoy oblasti.

KORABLEV, G.A.; MIRZAYEV, G.G.; DZHAKUPBAYEV, A.N.; DZHANSUGUROV, S.I.

Methods of studying the stressed state of solid concrete and reinforced concrete structures and structural elements. Trudy Inst. gor. dela AN Kazakh. SSR 19:112-114 '65.

(MIRA 18:12)

KORABLEV, G.F.

Multiposition attachment for grinding. Mashinostroitel' no.8:
21 Ag '62. (MIRA 15:8)
(Grinding machines--Attachments)

KORABLEV, G.I.

"Some Questions of the Biology and Agrotechnics of Rhubarb,
Horseradish, and Asparagus in the Conditions of the Northwestern
Zone of RSFSR";
dissertation for the degree of Candidate of Agricultural Sciences
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,
1963, pp 232-236)

KORABLEV, I. I.

587 KORABLEV, I. I., BABICH, I. A. i ROZOV, S. A. ^{Knishnaya} Pchelovodstvo. Kiev.
gossel'khozizdat USSR. 1954. 576 s. s ill. 21 sm. 100.000 ekz.
11r. 6 k. V per. - Na pereplete avt. ne ykazany.-
[54-54605] p (638.1)

SO: Knishnaya Letopis, Vol. 1, 1955

KORABLEV, I.V.

Noises in diodes with nonlinear capacitance. Vest.Mosk. un. Ser.
3: Fiz., astron. 20 no.2:20-29 Mr-Apr '65.

(MIRA 18:5)

1. Kafedra fiziki kolebaniy Moskovskogo universiteta.

KARASEV, M.D.; KORABLEV, I.V.; BABINOVICH-VIZEL', A.A.

Measurement of amplitude fluctuations of a frequency multiplier
using a nonlinear resistance. Radiotekh. i elektron. 7
no.11:1964-1966: N '62. (MIRA 15:11)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.
(Frequency multipliers)

KORABLEV, I.V.; POTEMKIN, V.V.

Sensitivity of a superheterodyne method for measuring amplitude
fluctuations. Radiotekh. i elektron. 9 no.1:172-174 Ja '64.
(MIRA 17:3)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
im. Lomonosova.

KORABLEV, I.V.

Measurement of the frequency fluctuations of a frequency multiplier on a nonlinear capacitance. *Vestn. Mosk. un. Ser. 3: Fiz., astron.* 19 no.3:82-85 My-1e '64.

(RUSA 17:11)

1. Kafedra fiziki kolebaniy Moskovskogo univ'ersiteta.

L 62149-65

ACCESSION NR: AP5011499

UR/0188/65/000/002/0020/0029
621.382.21: 621.391.822

4
B

AUTHOR: Korablev, I. V.

TITLE: Noise of diodes with nonlinear capacitance

SOURCE: Moscow. Universitet. Vestnik. Seriya 3. Fizika, astronomiya, no. 2, 1965, 20-29

TOPIC TAGS: diode noise, crystal diode, parametric diode, shot effect, nonlinear capacitance diode

ABSTRACT: In view of the importance that attaches to the study of the fluctuation properties of crystal diodes used as nonlinear reactances, the author investigated experimentally the intrinsic noise of semiconductor diodes both under fixed bias and under excitation with high frequency voltage. The measurements were made in the centimeter band under static and dynamic operating conditions, both at low frequencies (3 -- 80 kcs), and in the 3 cm band. The low frequency measurements were made with a bridge circuit similar to that described by K. Champlin (Proceedings IRE, v. 46, 779, 1958). The high

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L 62149-65

ACCESSION NR: AP5011499

frequency measurements were made with a modulation radiometer, using the setup shown in Fig. 1 of the Enclosure. The measurement results are reconciled with brief deductions from the theory of shock noise in a p-n junction. The tests show that at low frequencies and at fixed bias, the measured noise of germanium diffusion diodes with non-linear capacitance is in satisfactory agreement with the theory of shock noise of a p-n junction, provided the current through the diode does not exceed 100 μ A. The noise ratio of the diode is increased by addition of a high frequency voltage, when the noise ratio can reach values of several hundred or several thousand if minority-carrier cascade multiplication can occur in the p-n junction. In the 3-cm band at fixed bias, the noise ratio is equal to unity in both current directions. In the region of static breakdown of the p-n junction, the noise ratio increases in proportion to the breakdown current. Original article has 6 figures, 5 formulas, and 1 table

ASSOCIATION: Kafedra fiziki kolebaniy Moskovskogo universiteta
(Oscillation Physics Department, Moscow University)

Card

L 62149-65

ACCESSION NR: AP5011499

SUBMITTED: 29Jan64

ENC: 00

SUB CODE: SS, EC

NR REF SOV: 005

OTHER: 010

Card

3/3

KORABLEV, K. A.

231T56

USSR/Metallurgy - Welding, Equipment

Oct 52

"Improvement in the Efficiency of Acetylene Generators of MG and RA Types," K. A. Korablev, Tech-Lt

"Avtogen Delo"²³ No 10, pp 24, 25

States low coeff of CaC_2 utilization in acetylene generators, widely used in the USSR, due to lack of any regulation in water supply system of these generators. Describes automatic valve controlled by float whose position depends on amt of gas in generator. Gives drawings and brief description of generators with automatic valve and discusses their advantages.

231T56

KORABLEV, L. N.

PA 11/49T91

USSR/Nuclear Physics - Cosmic Radiation Aug 48
Nuclear Physics - Radiation, Corpuscular

"Cosmic Ray Showers Which Occur in Thick Lead Plates,"
L. N. Korablev, A. L. Lyubimov, A. V. Miller, Phys Inst
Imeni P. N. Lebedev, Acad Sci USSR, 5 pp

"Dok Ak Nauk SSSR" Vol LXI, No 4

Interim report on 1947 Pamir expedition. Data indi-
cate that the "local penetrating showers," studied
by many authorities with counters, are the pene-
trating part of more complicated "special" showers.
Submitted 9 Jun 48.

11/49T91

KORABLEV, L. N.

PA 36/49T74

USSR/Physics
Circuits, Electronic
Amplifiers

Sep 48

"Utilization of the Gas Discharge in Pulse
Technology," L. N. Korablev, Phys Inst imeni
P. N. Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXII, No 2

Korablev designs and describes several circuits
in which silent low-pressure gaseous discharge
can be used to fulfill the function of an elec-
tronic tube. Circuits include amplifier, count-
ing device, and hodoscope. Submitted by Acad
S. I. Vavilov, 13 Jul 48.

36/49T74

PA 3/50T74

USSR/Nuclear Physics - Cosmic Rays 11 Sep 49
Hodoscope

"Study of Special Showers of Cosmic Rays With the Aid of a Hodoscope," L. N. Korshak, A. I. Lyubimov, A. T. Nevrayev, Phys Inst Imeni P. N. Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXVIII, No 2 p.273-6

Used a hodoscope consisting of 176 counters, each connected to a neon lamp by a special circuit. Position of neon lamps on special panel corresponded to position of counters in the unit. Used no vacuum tubes, their function being fulfilled by neon lamps. Results are preliminary, since

3/50T74

USSR/Nuclear Physics - Cosmic Rays 11 Sep 49
(Contd)

work with this unit is being continued. Submitted by Acad D. V. Skobel'tsyn 15 Jul 49.

3/50T74

KORABLEV, L. N.

PA 152T75

USSR/Nuclear Physics - Cosmic Rays
Hodoscope

11 Dec 49

"The Proportional Hodoscope," L. N. Korablev, Phys
Inst imeni Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXIX, No 5

Describes, with diagram, channel scheme of proportional hodoscope and formation of master pulse. This instrument is simpler than the usual complicated proportional counters and ionization chambers, which can only measure thresholds. Submitted by Acad D. V. Skobel'tsyn 21 Sep 49.

152T75

1ST AND 2ND COVER		PROCESSES AND PROPERTIES INDEX	
<p>1912</p> <p><u>SEALING CIRCUITS WITH NEON TUBES. L. N. Korshak.</u> <u>Doklady Akad. Nauk S.S.S.R. 75, 375-6(1958) Nov. 21. (In Russian)</u></p> <p>Manley and Buckley (<u>Electronics</u> 31, 84(1958)) have recently described a sealing circuit involving the use of neon tubes; although employed in combination with germanium detectors, this instrument's performance does not exceed 500 pulses/sec. The present writer published descriptions of sealing circuits comprising neon tubes at an earlier date (<u>Doklady Akad. Nauk S.S.S.R.</u> 62, No. 2(1948); Author-right Certificates No. 67366 and 67417 (priority date July 10, 1948)). He gives here information on the principles underlying three of his circuits, whose performance is of the order of 6000 to 7000 pulses/sec.</p>			
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>NEON TUBES</p>		<p>NEON TUBES</p>	
<p>1912</p>		<p>1912</p>	
<p>1912</p>		<p>1912</p>	

KORABLEV, L.N.

INSTRUMENTATION: HODOSCOPES

"Hodoscopes Using Cold-Cathode Tubes", by L.N. Korablev, Physics Institute imeni P.N. Lebedev, Academy of Sciences USSR, Pribery 1 Tekhnika Eksperimenta, No 2, September-October 1956, pp 54-61.

Description of seven types of hodoscopes developed at the Physics Institute of the Academy of Sciences USSR. The author reports a new type hodoscope in which the delayed coincidences are indicated in each of the cells, and a scheme for connecting particle counters in several circuits.

Card 1/1

KORABLEV, L.N.

INSTRUMENTATION: COUNTERS IN GENERAL

"Compact Radiometric Counting Instrument Type BK-3" by L.N. Korablev, Physics Institute imeni P.N. Lebedev, Academy of Sciences USSR, Pribery 1 Tekhnika Eksperimenta, No3, November-December 1956, pp 54-58.

Description of a compact radiometric instrument, developed by the "Fizpribor" Plant, comprising a decade-counting circuit with cold-cathode tubes, and having a resolution time several tenths the deionization time of the tubes. The instrument is provided with a one-minute timer; has counting coefficients 100:1 and 2:1; a resolution time of 5 to 8 microseconds; a sensitivity of 0.2 volts, a stabilized voltage for the particle mount adjustable from 300 to 2,000 volts. The case dimensions are 18 x 18 x 30 cm, and the weight is 7 kg. A complete circuit diagram and a photograph of the instrument are given in the article.

Card 1/1

KORABLEV, L.N. (Moskva).

Ionic photorelay [with English summary in insert]. Avtom. i telem.

17 no.11:1040-1042 N '56.

(MLRA 9:12)

(Triodes) (Photoelectric cells)

KORABLEV, L.N.

AUTHOR: Not given 89-9-32/32
 TITLE: New Publications (Novaya literatura)
 PERIODICAL: **Atonnaya Energiya**, 1957, Vol 3, Nr 9, p 278-278 (U.S.S.R.)
 ABSTRACT: 1.) BRESLER, S.E.: "Radioactive Elements", 3. revised edition. State Publishing House for Technology, 1957, 500 pages, price 16,30 roubles.
 2.) "Problems of Atomic Energy", Collection of translations and surveys of foreign journals, Nr 2, 1957, Publishing House for Foreign Literature, 104 pages, price 7 roubles.
 3.) KORABLEV, L.N.: "A New Use for Tubes with Cold Cathode in Impulse Devices", USSR Publishing House for Technological Works, 1956, 200 pages with illustrations, price 56 roubles.
 4.) KYURI, P.Zh.: "Selected Works. Frederic and Irene Joliot-Curie, Works" published by the Academy of Sciences of the USSR, 1957, 562 pages, price 32 roubles.
 5.) Material concerning the Geneva Atomic Conference, vol. 4: "Effective Cross Sections which are Important for Reactor Projecting", price 30 roubles, published Academy of Sciences of the USSR, 1957, 420 pages.

Card 1/2